

The following were developed by Mario C. Therrien, Agriculture and Agri-Food Canada, Brandon Research Centre, Box 1000A, Brandon, Manitoba R7A 5Z7, Canada . Received 01/21/1998.

PI 600679. *Hordeum vulgare* L. ssp. *vulgare*

Cultivar. Pureline. "AC ROSSER"; F180-2; BT 377. CV-272. Pedigree - Galt/Johnston/3/Steptoe//BT 351/Heartland. Height 80-90 cm. Maturity 85-88 d. Lodging moderate. Seed size mid. Kernel quality feed. Resistant to *Cochliobolus sativus* and *Pyrenophora teres*. Intermediate reaction to *Puccinia graminis* and *Ustilage nuda*. Susceptible to *Rhynchosporium secalis* and *Septoria passerinii*.

PI 600680. *Hordeum vulgare* L. ssp. *vulgare*

Cultivar. Pureline. "AC HAWKEYE"; H67-3; HB 103. CV-271. Pedigree - GO1-1/Tupper/3/Virden//Conquest/Post. Height 105-120 cm. Maturity 89-93 d. Lodging low. Seed size large, hullless. Kernel quality food or feed. Resistant to *Rhynchosporium secalis* and *Cochliobolus sativus*. Intermediate reaction to *Puccinia graminis*. Susceptible to *Septoria passerinii*, *Pyrenophora teres*, *Ustilage nuda*, *U. hordeii*.

The following were developed by Don Salmon, Agriculture and Agri-Food Canada, Field Crop Research Centre, 5030 50 Street, Lacombe, Alberta T4L 1W8, Canada. Received 02/06/1998.

PI 600681. *Triticum aestivum* L., nom. cons.

Breeding. Pureline. 83W023004. Pedigree - Lowrin 11/Norstar. Winter wheat with resistance to powdery mildew (*Erysiphe graminis*). Straw strong with tolerance to cold intermediate between Winalta and Norstar. Spikes fusiform, awnless, white chaff and red seed. Stems purple pigmentation during growing season. Yields similar to Norstar but inferior milling and baking quality.

PI 600682. *Triticum aestivum* L., nom. cons.

Breeding. 83W023034. Pedigree - Lowrin 11/Norstar. Winter wheat resistant to powdery mildew (*Erysiphe graminis*). Straw strong with tolerance to cold intermediate between Winalta and Norstar. Spikes fusiform, awnless, white chaff and red seed. Stems purple pigmentation during growing season. Yields similar to Norstar but inferior milling and baking quality.

The following were developed by R.E. Knox, Agriculture Canada, Research Station, Box 1030, Swift Current, Saskatchewan S9H 3X2, Canada. Received 02/09/1998.

PI 600683. *Triticum aestivum* L., nom. cons.

Breeding. Pureline. P8810-B5B3A2A2. Pedigree - HY366/RL5711//2*HY366/3/3*HY366-BL31. Awned, white spring wheat with complete resistance to prevalent races of leaf rust and stem rust found in the Northern Great Plains (1995 adult plant evaluation). In seedling test (greenhouse 1995) using prevalent leaf and stem rust races from the Northern Great Plains from 1991, showed complete resistance. Earlier generation seedling tests to stem rust race C63 aided in selecting this